

C57BL/6 mice to ovalbumin (OVA) aerosol increased the level of serum IgE, the number of eosinophils in bronchoalveolar lavage (BAL) fluid, and airway reactivity. Histological analysis revealed peribronchial inflammation with pulmonary eosinophilia in OVA-treated mice. In STAT6-deficient (STAT6-/-) C57BL/6 mice treated in the same fashion, there were no eosinophilia in BAL and significantly less peribronchial inflammation than in wild-type mice. Moreover STAT6-/- mice had much less airway reactivity than wild-type mice. These findings suggest that STAT6 plays a crucial role in the pathogenesis of allergen-induced airway inflammation.

=> d hist

(FILE 'HOME' ENTERED AT 15:13:29 ON 09 SEP 2009)

FILE 'MEDLINE, CAPLUS, BIOSIS' ENTERED AT 15:13:48 ON 09 SEP 2009

L1 12 S (STAT)(W)(6) AND (REPEAT?)  
L2 5 DUP REM L1 (7 DUPLICATES REMOVED)

=> d hist full

(FILE 'HOME' ENTERED AT 15:13:29 ON 09 SEP 2009)

FILE 'MEDLINE, CAPLUS, BIOSIS' ENTERED AT 15:13:48 ON 09 SEP 2009

L1 12 SEA ABB=ON PLU=ON (STAT)(W)(6) AND (REPEAT?)  
L2 5 DUP REM L1 (7 DUPLICATES REMOVED)  
D L2  
D L2 TI 1-5  
D L2 IBIB ABS 1-5

FILE HOME

FILE MEDLINE

FILE LAST UPDATED: 8 Sep 2009 (20090908/UP). FILE COVERS 1949 TO DATE.

MEDLINE and LMEDLINE have been updated with the 2009 Medical Subject Headings (MeSH) vocabulary and tree numbers from the U.S. National Library of Medicine (NLM). Additional information is available at

[http://www.nlm.nih.gov/pubs/techbull/nd08/nd08\\_medline\\_data\\_changes\\_2009](http://www.nlm.nih.gov/pubs/techbull/nd08/nd08_medline_data_changes_2009).

On February 21, 2009, MEDLINE was reloaded. See HELP RLOAD for details.

This file contains CAS Registry Numbers for easy and accurate substance identification.

See HELP RANGE before carrying out any RANGE search.

FILE CAPLUS

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